IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

Claim 9 (Original) A method of producing a processing tool having abrasive grains for carrying out a fixed-abrasive grinding process on a surface of a silicon work-piece, said method comprising the step of:

(a) mixing a binder and silica grains to form a mixture; and

(b) forming the mixture into the abrasive grains of the processing tool.

Claim 10 (Original) The method of producing the processing tool as in claim 9, wherein said step (a) uses silica grains having a primary average grain size of 0.8 nm to 10 μm.

Claim 11 (Original) The method of producing the processing tool as claimed in claim 9, wherein said step (a) uses a content of the silica grains in the abrasive grains in a range of 10 to 70 volume percent.

Claim 12 (Original) The method of producing the processing tool as claimed in claim 9, wherein said step (a) uses a binder made of a material which generates no endothermic reaction during the process carried out on the silicon work-piece by the processing tool.

Claims 13-30 (Canceled).